

FIG. 1A

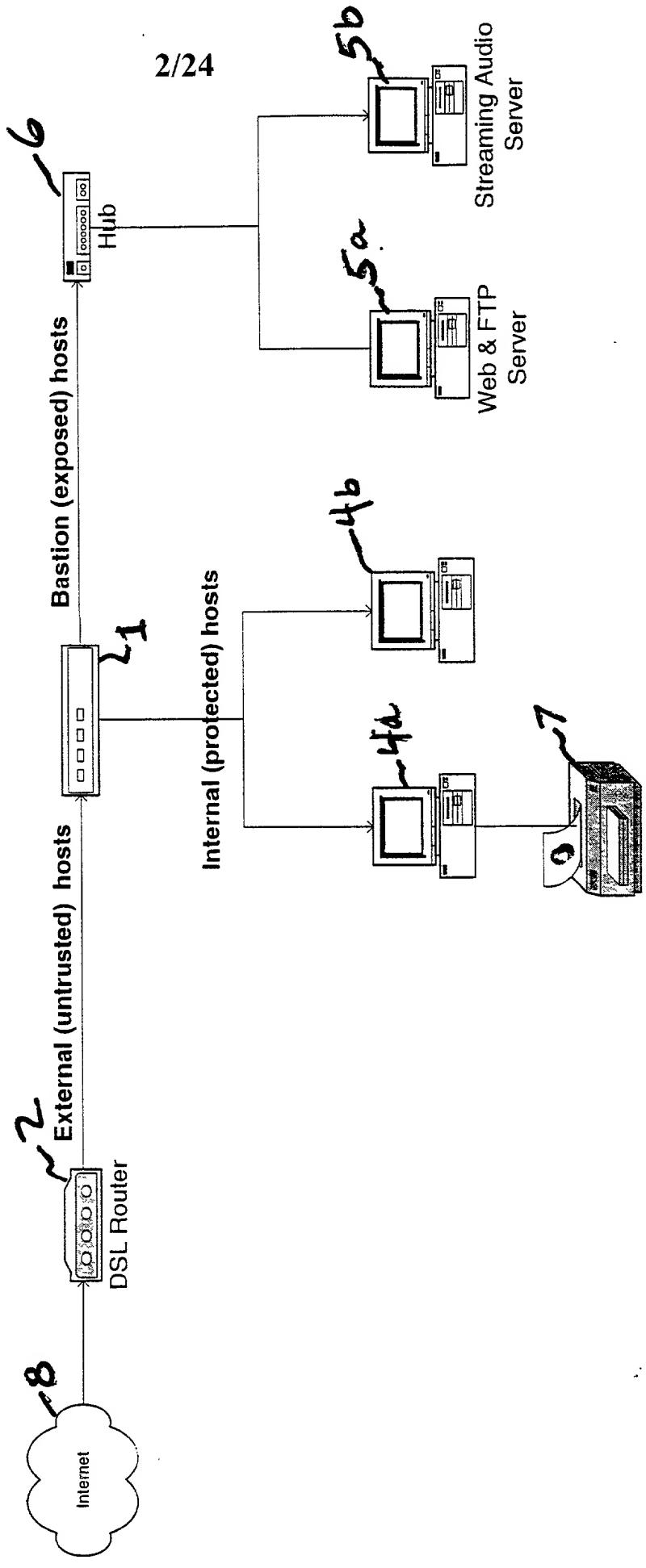


FIG. 1B

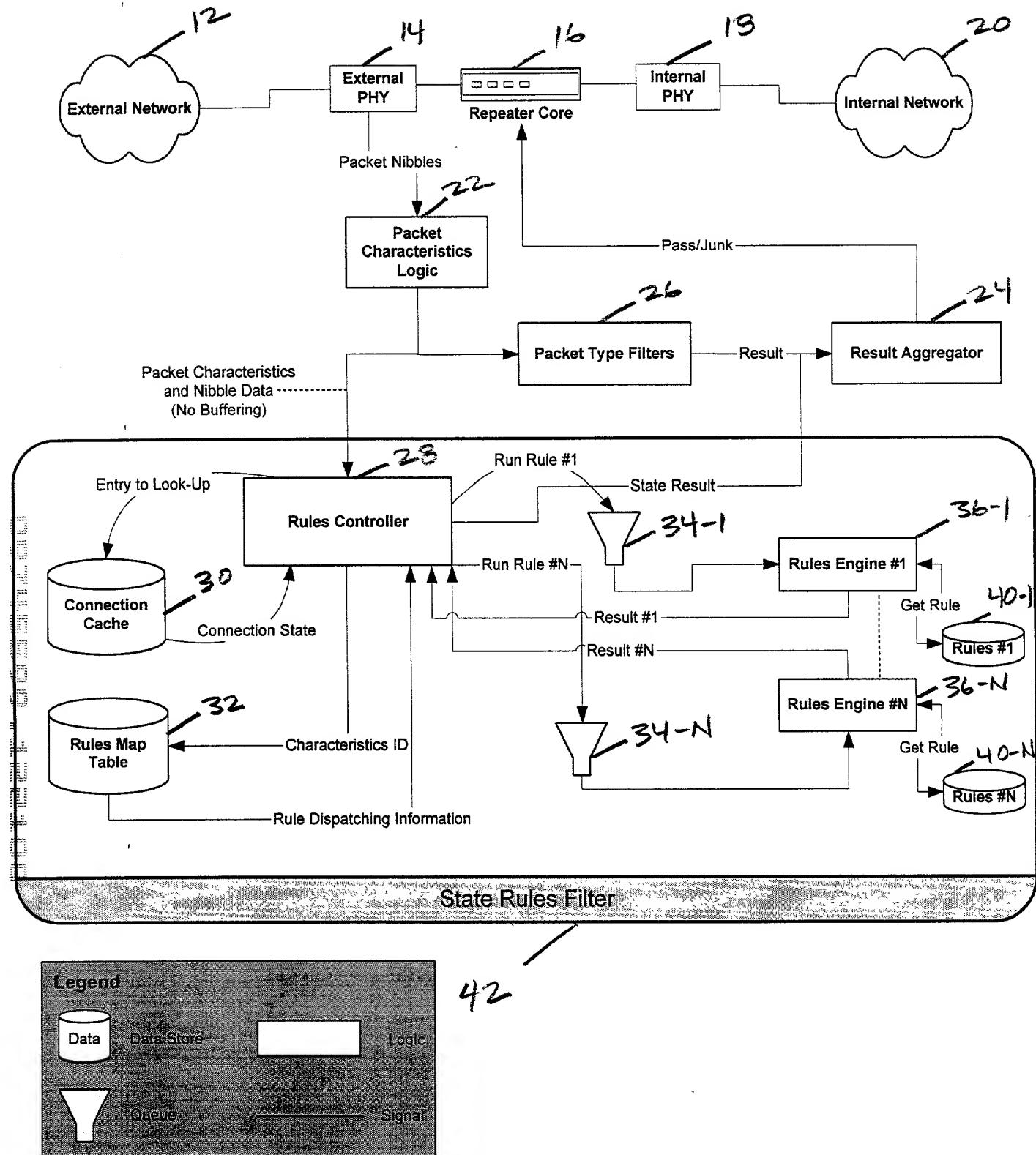


FIG. 2

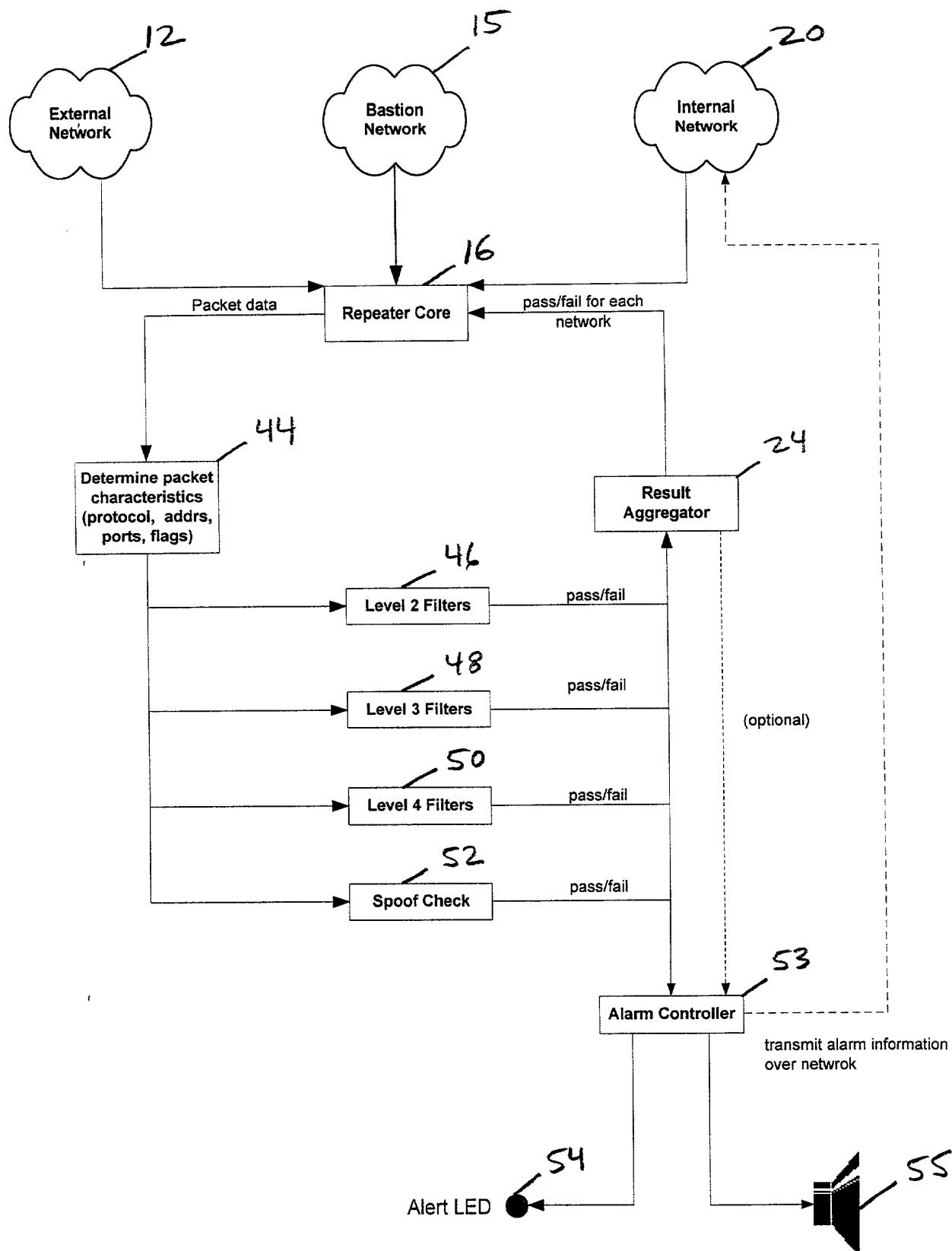


FIG. 3

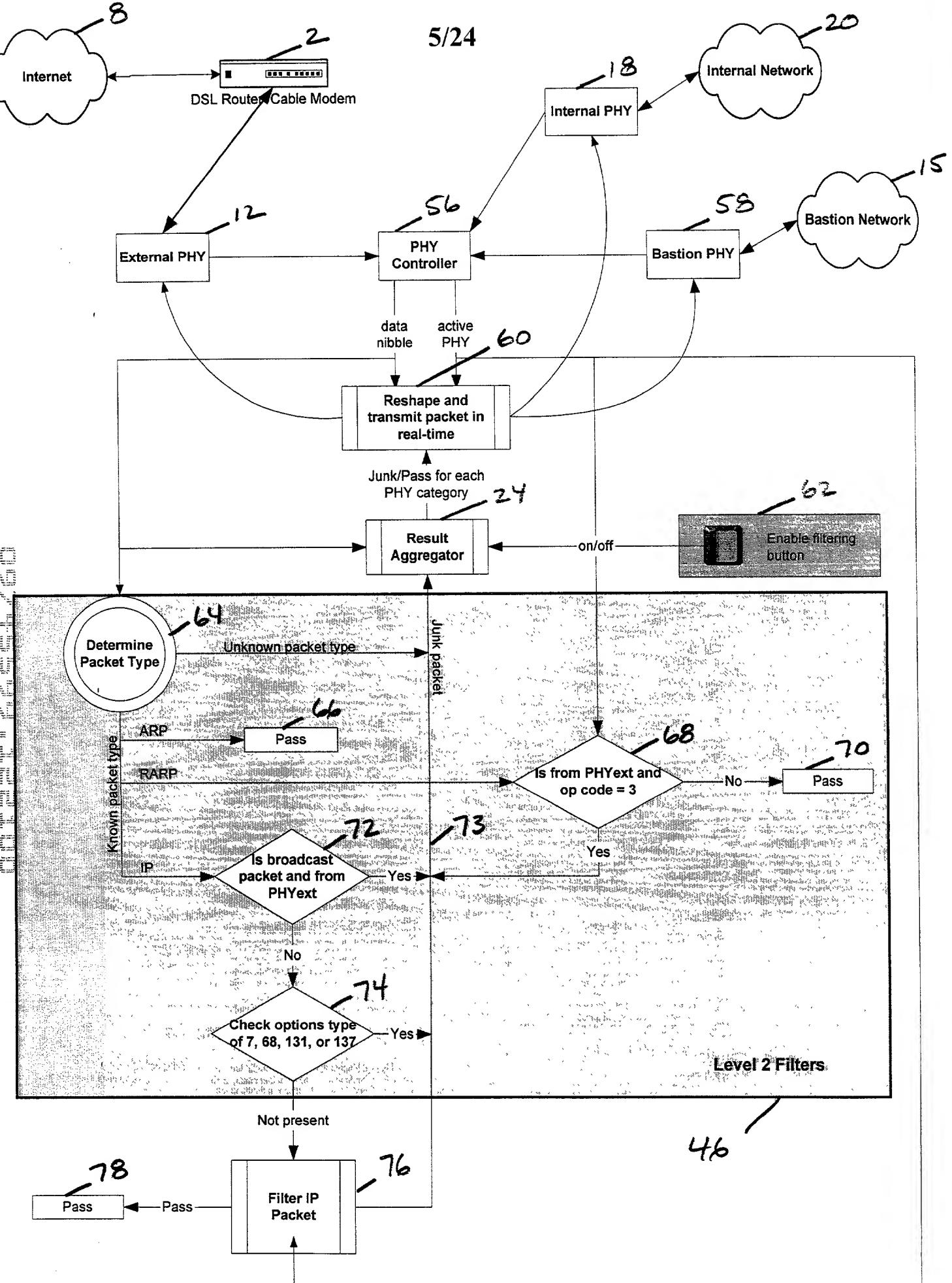


FIG. 4

Level 3 Filters

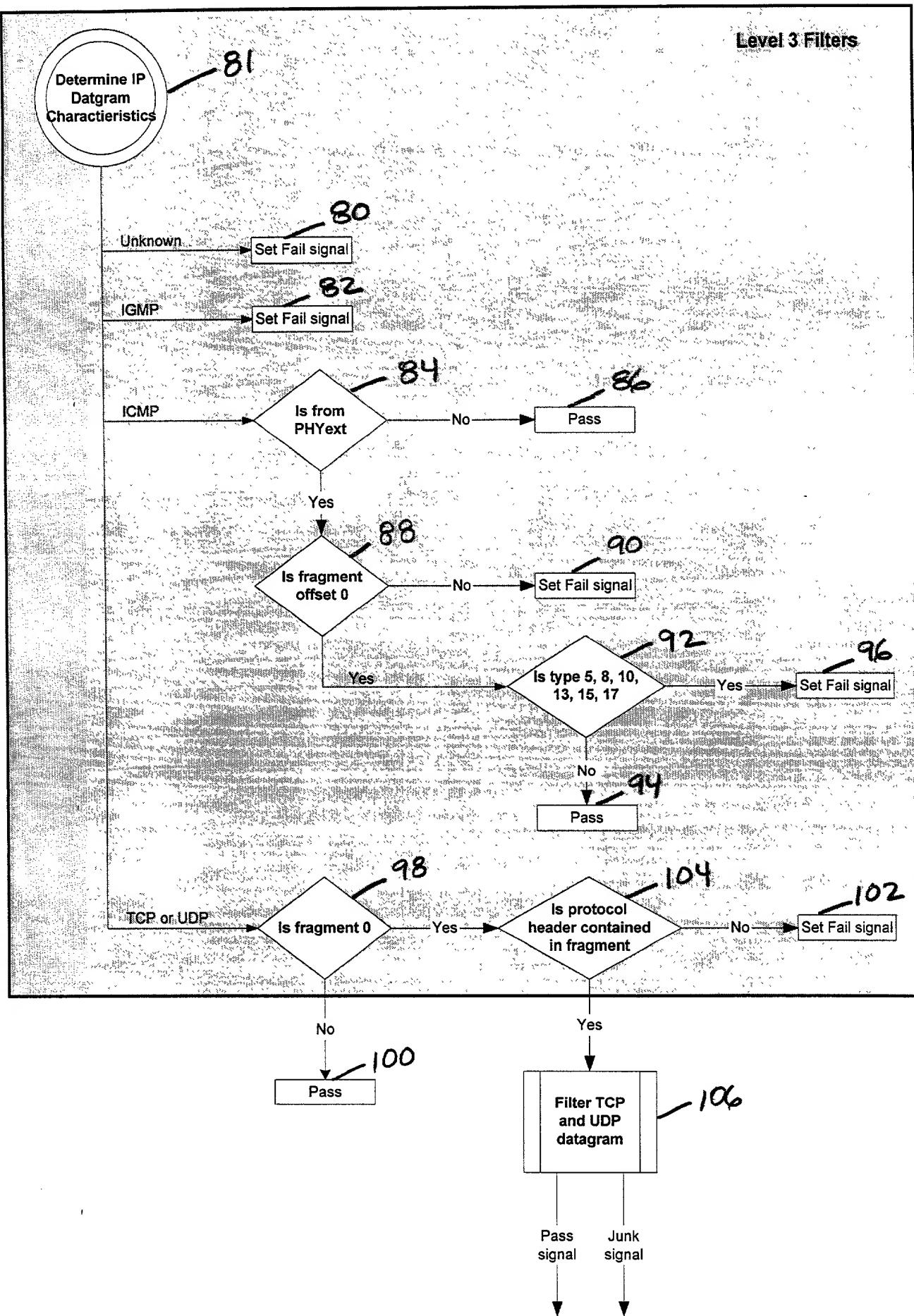


FIG. 5

TCP and UDP packets are evaluated for pass or fail in parallel (other protocols also handled simultaneously)

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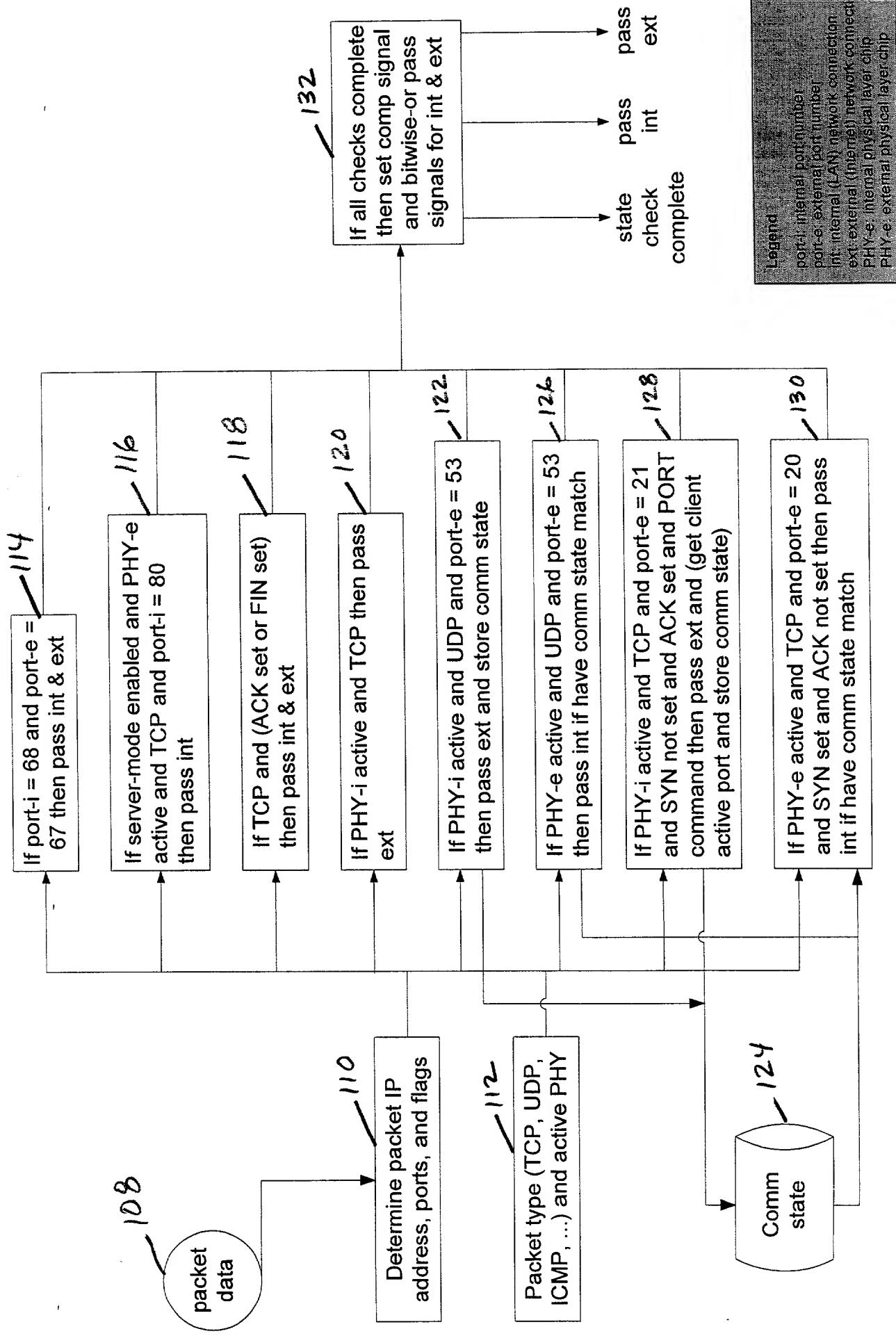


FIG. 6

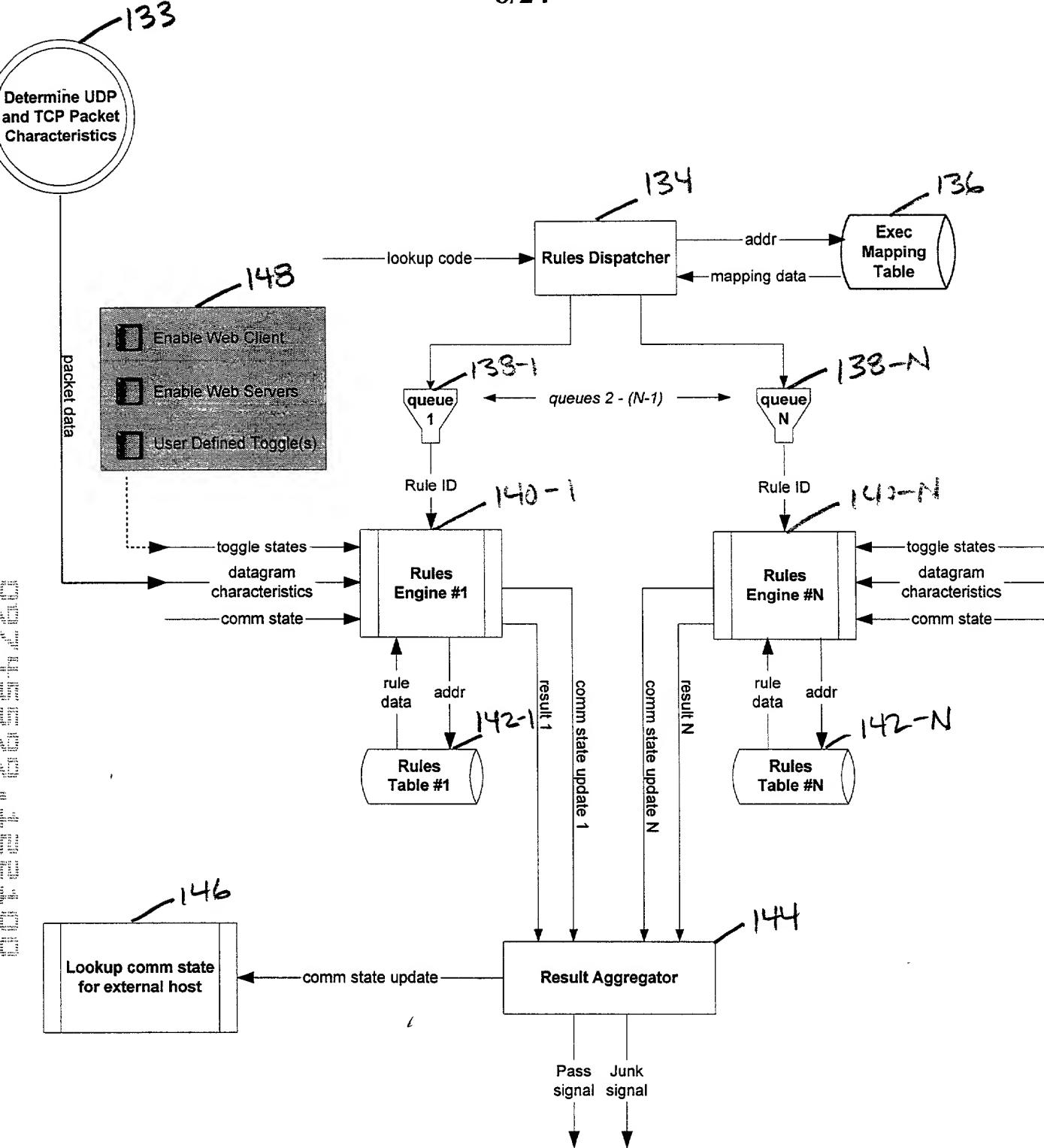


FIG. 7

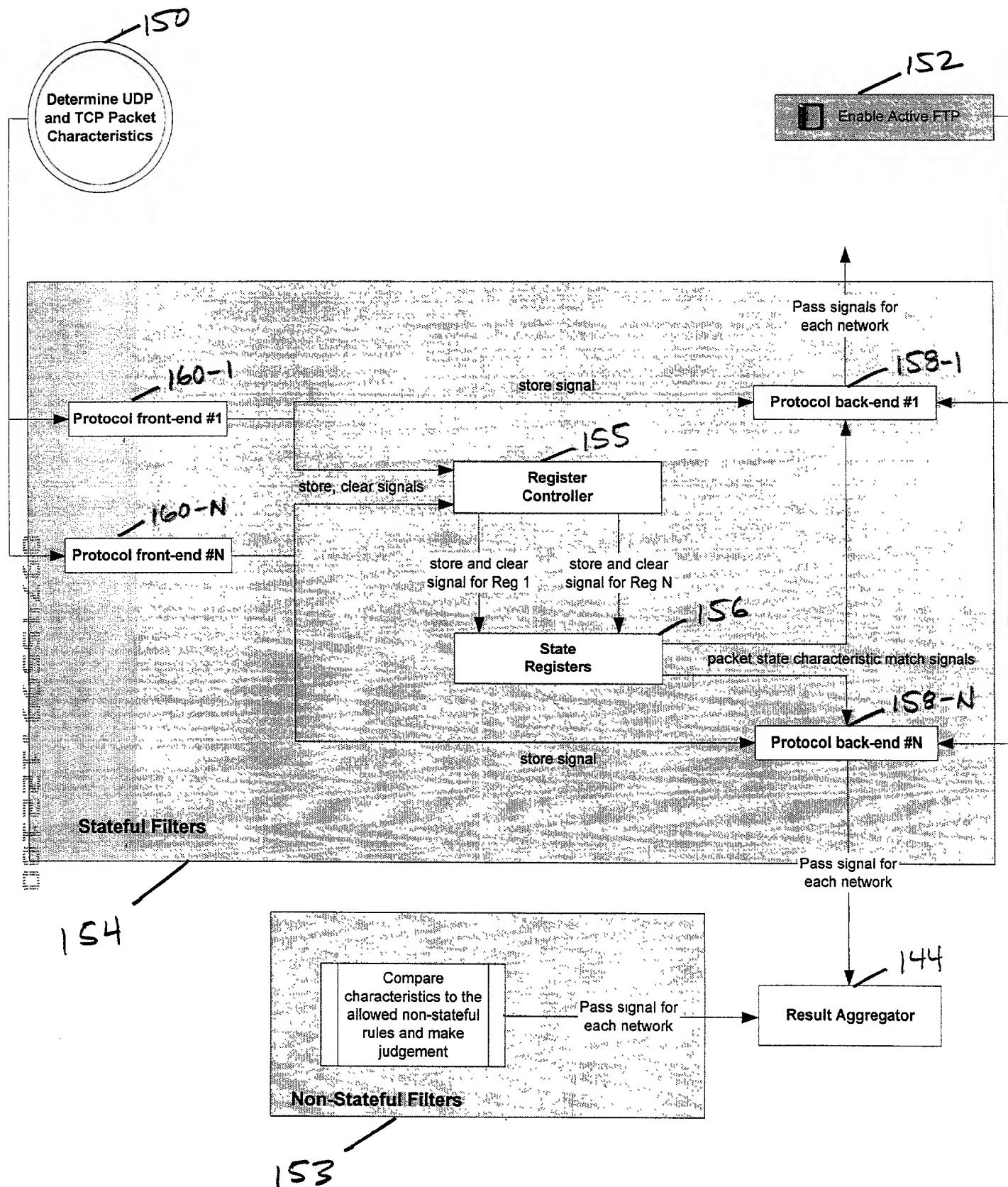


FIG. 8

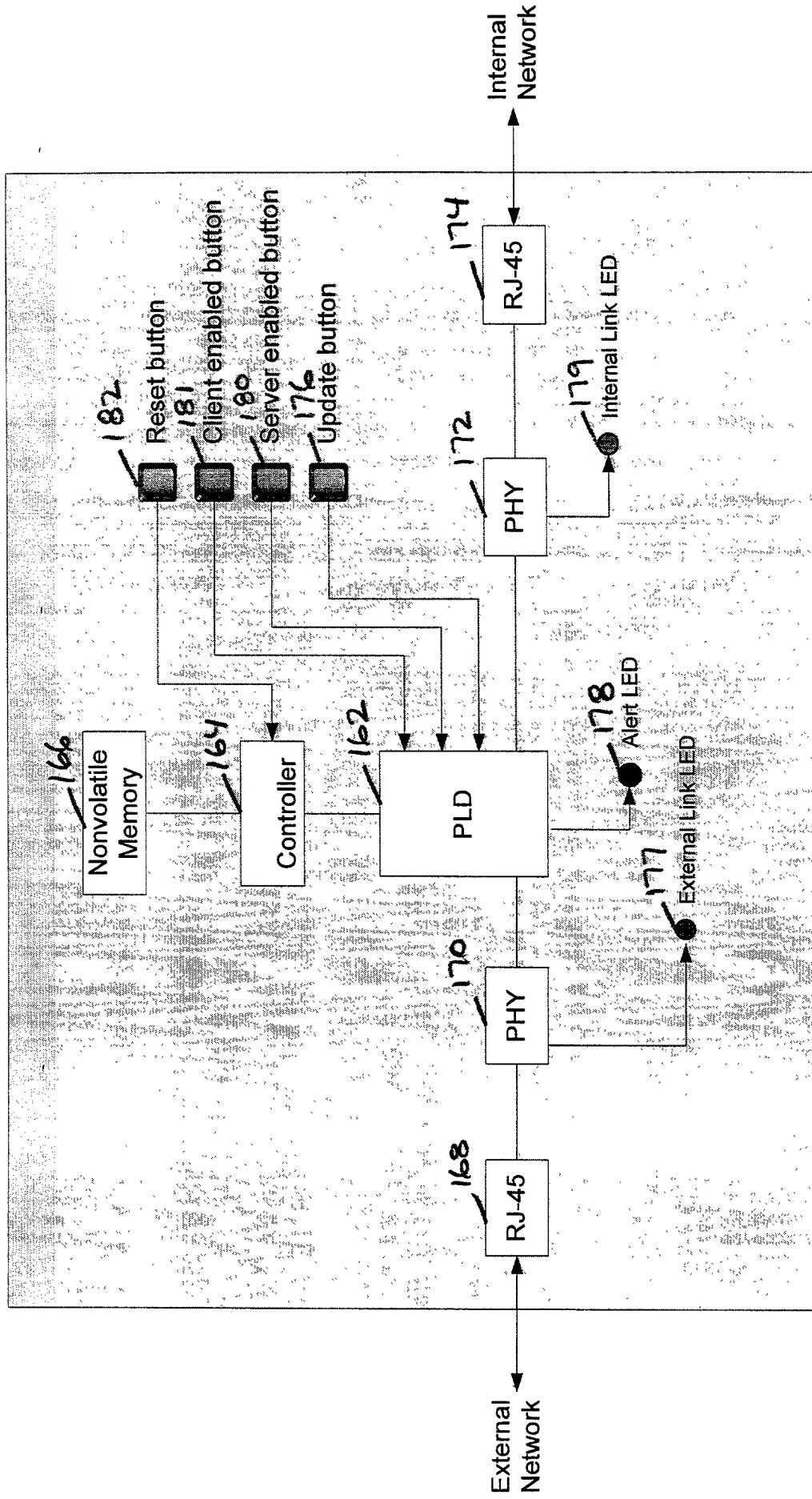


FIG. 9

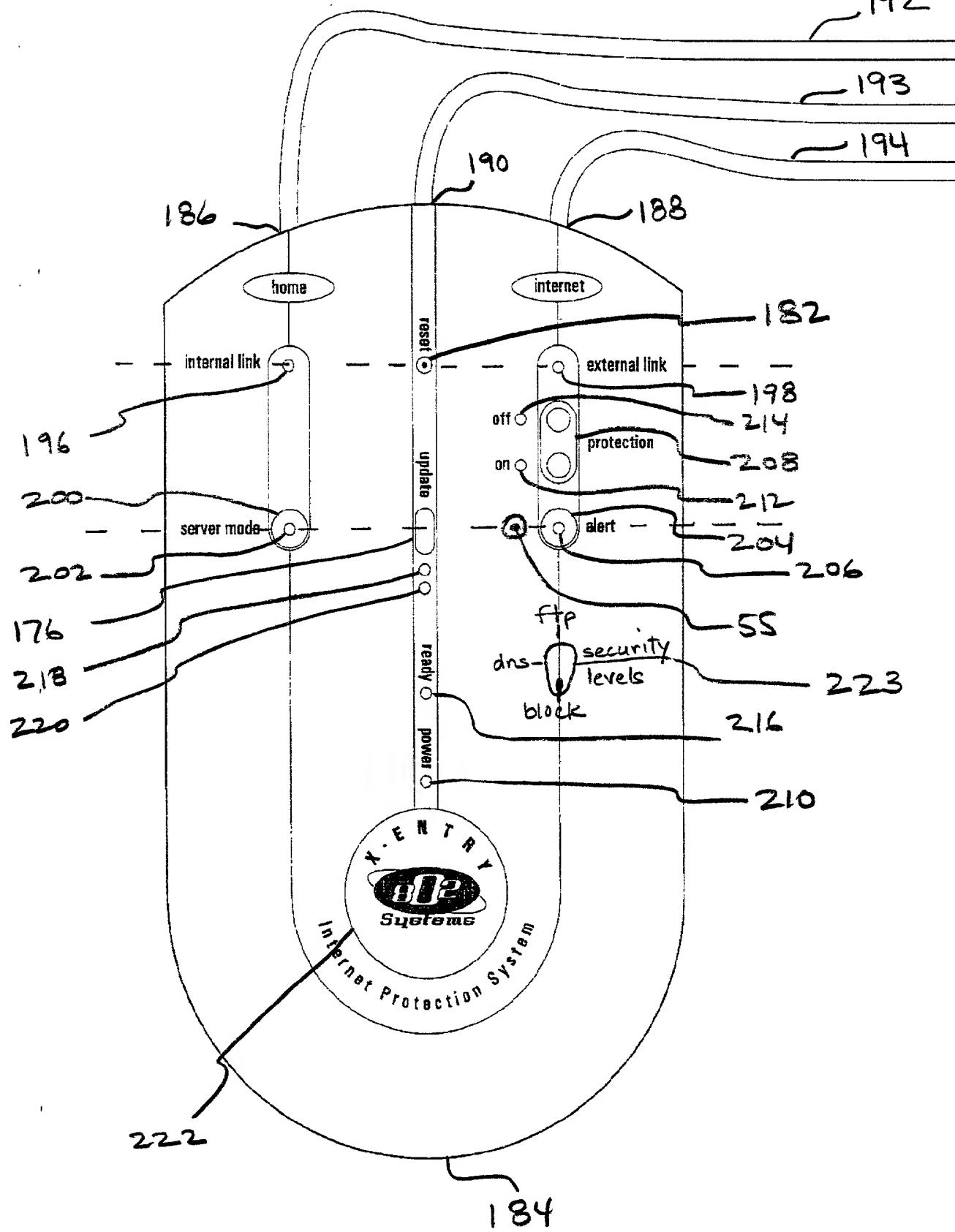


FIG.10

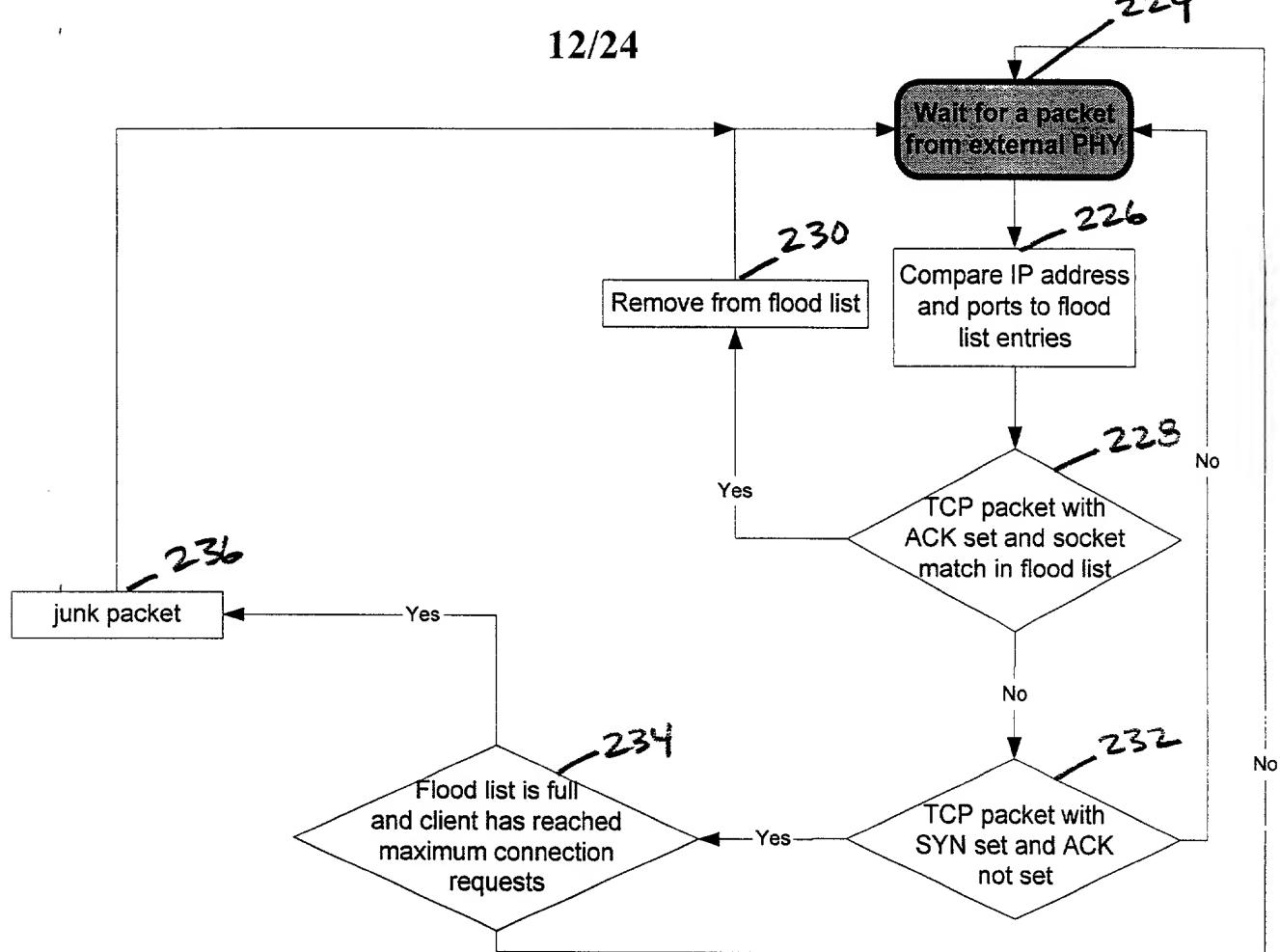


FIG. 11

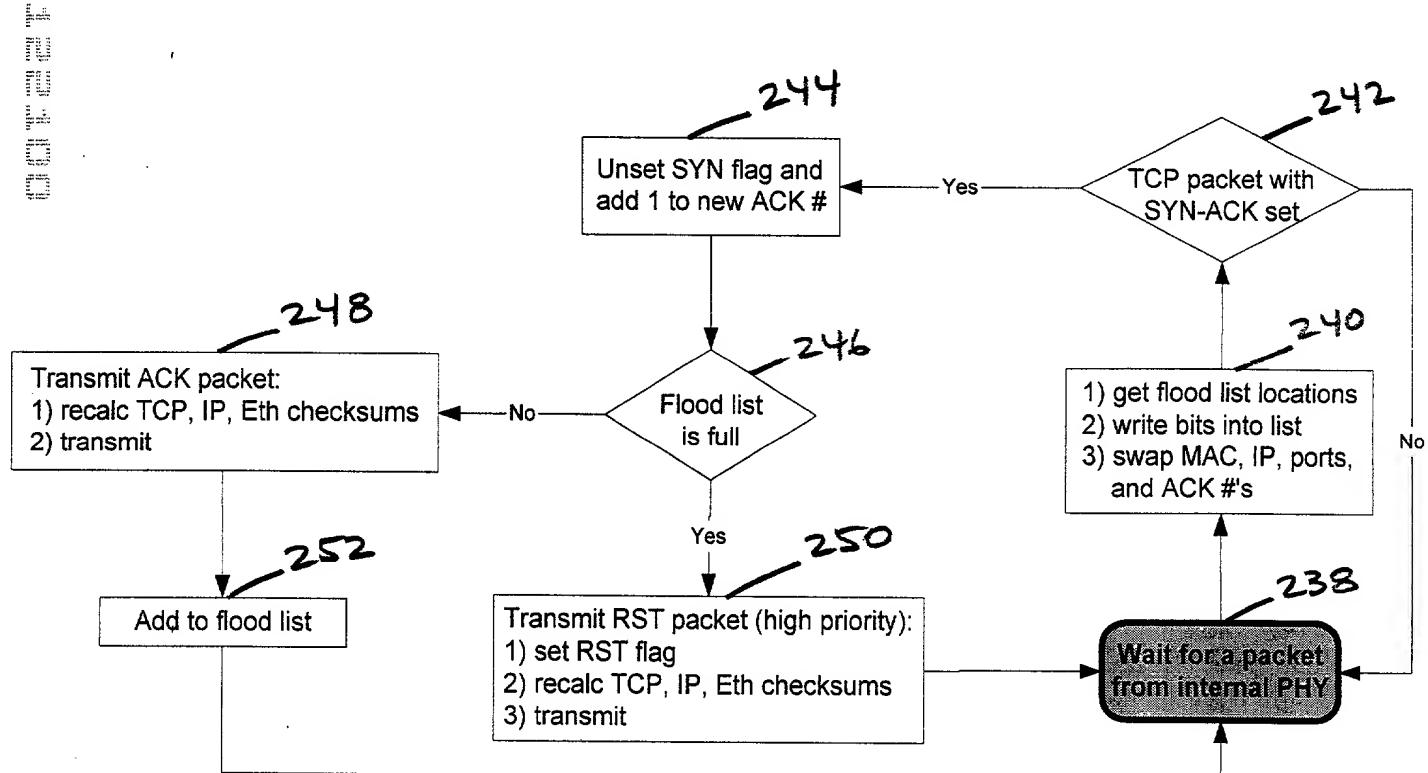


FIG. 12

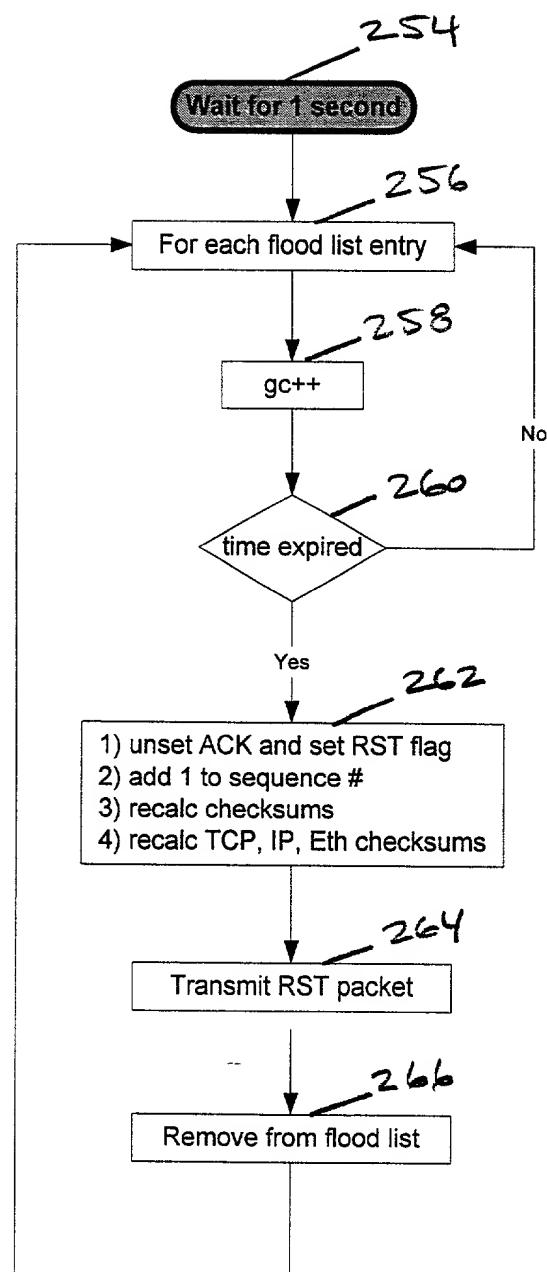


FIG. 13

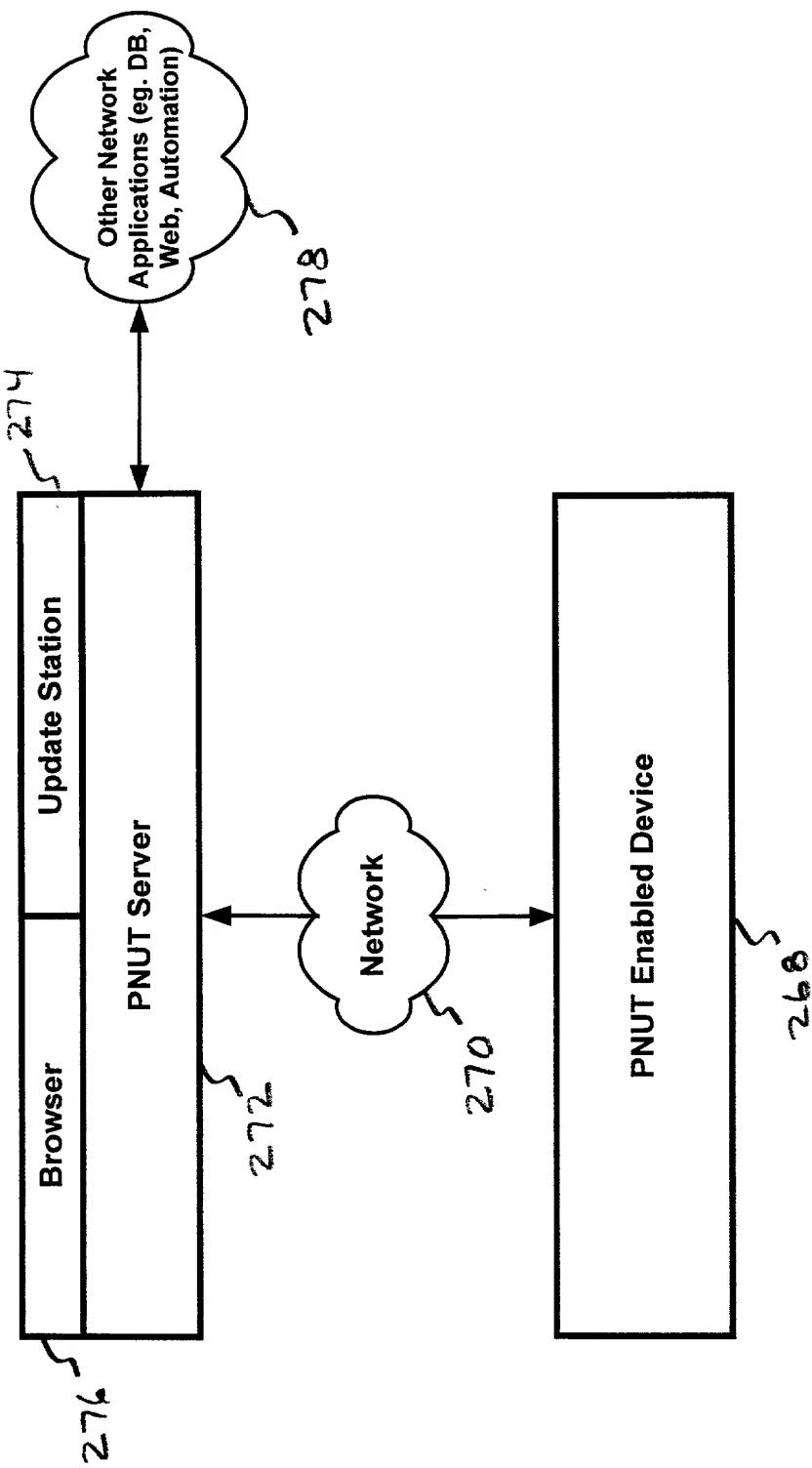


FIG. 14

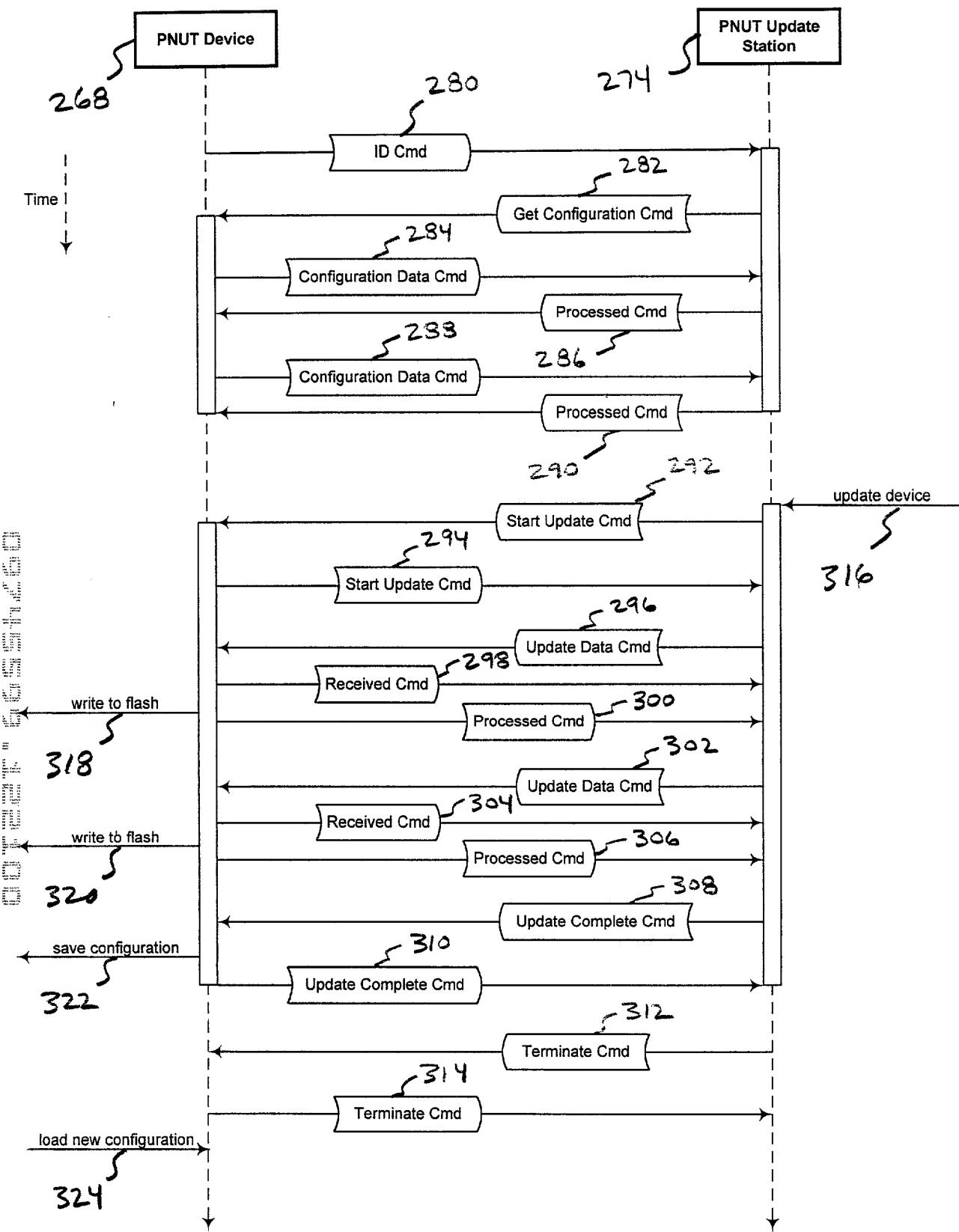
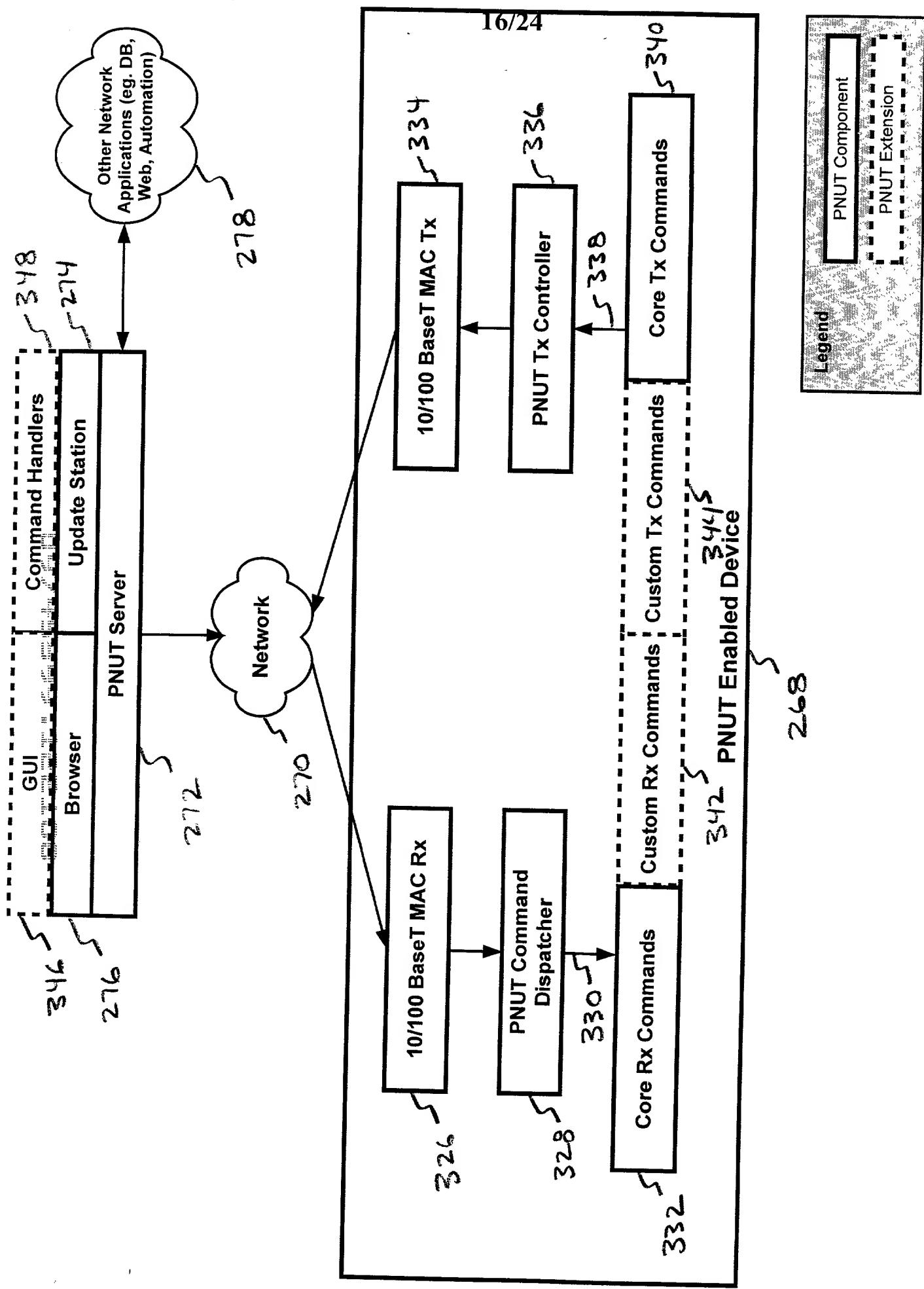
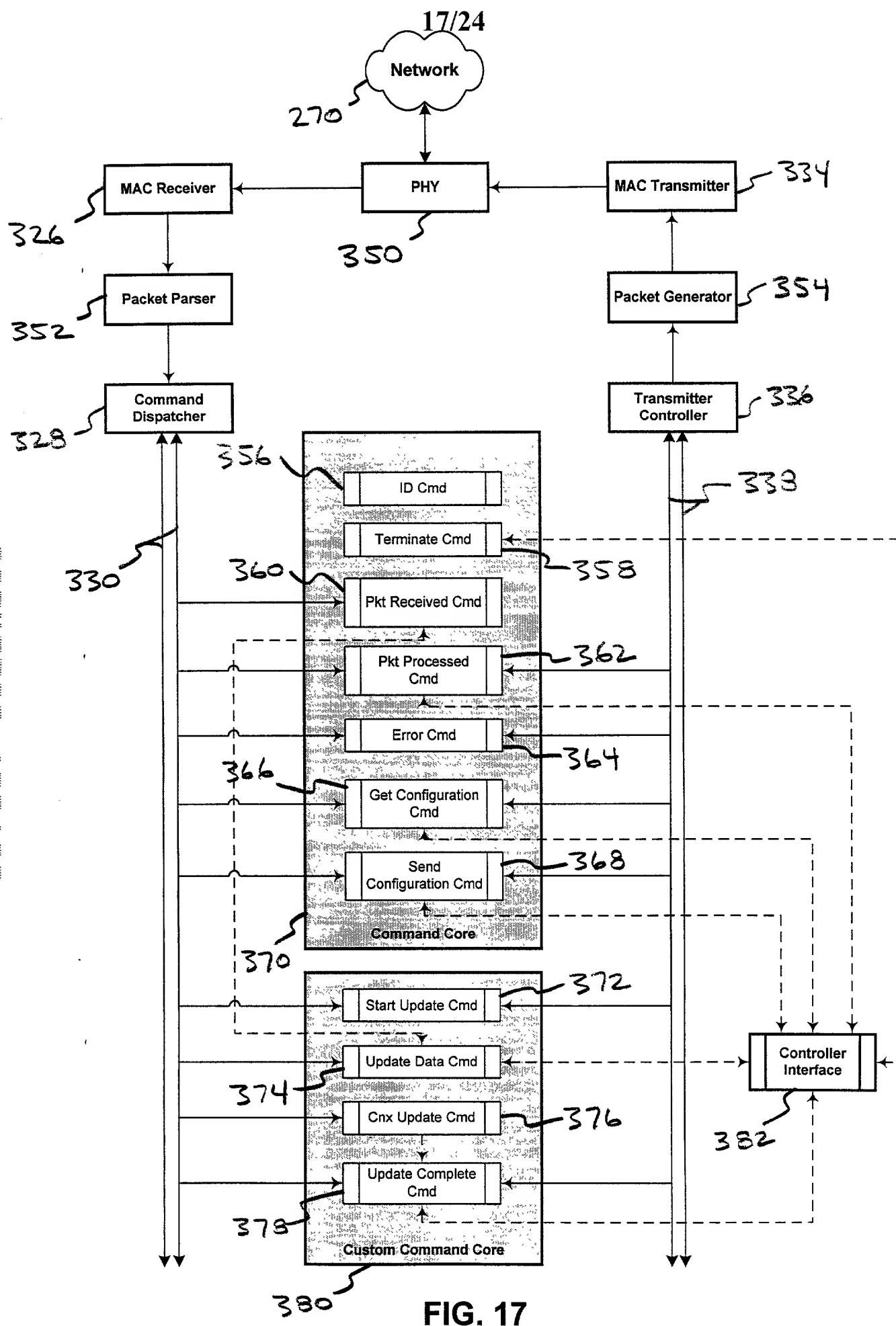
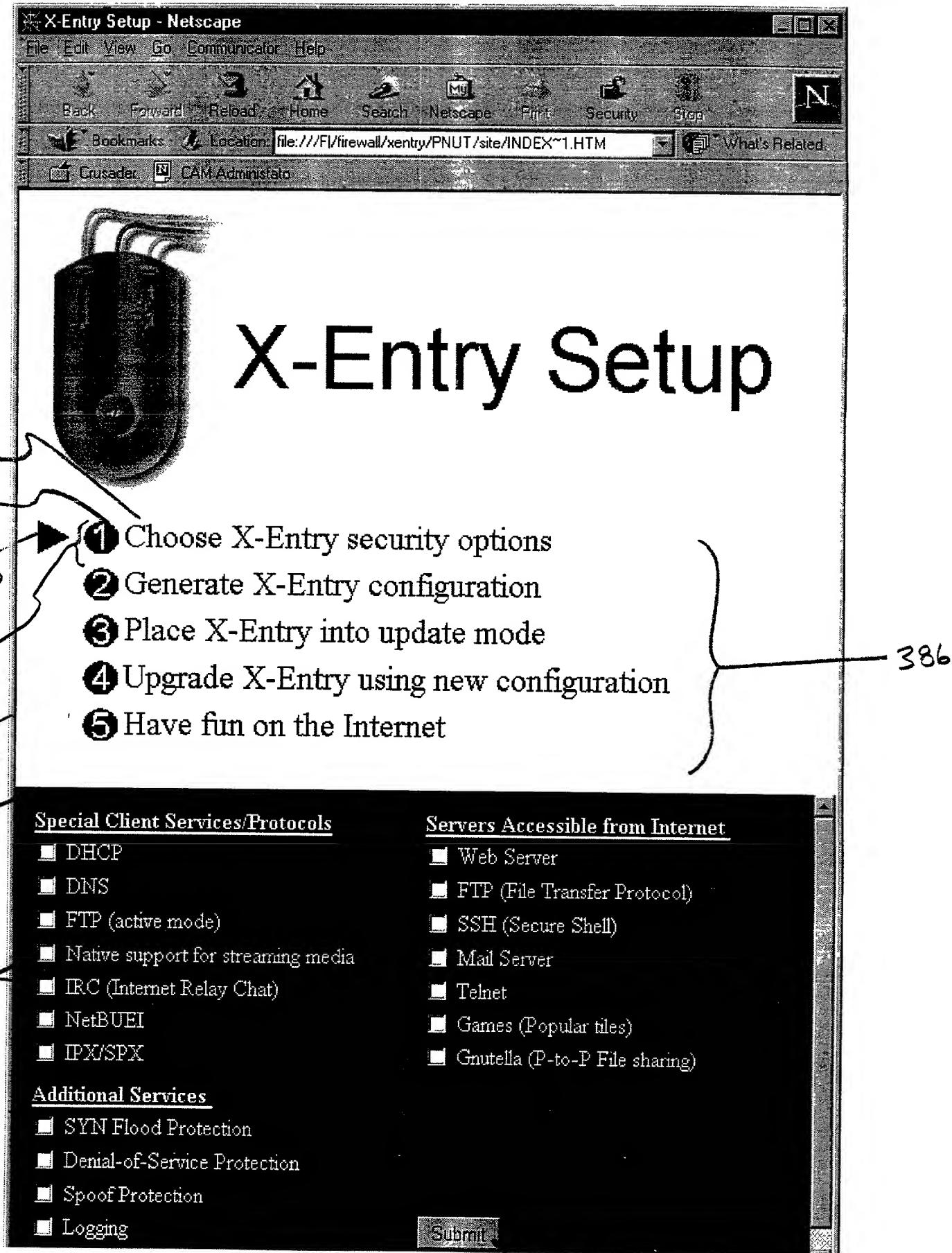


FIG. 15

FIG. 16







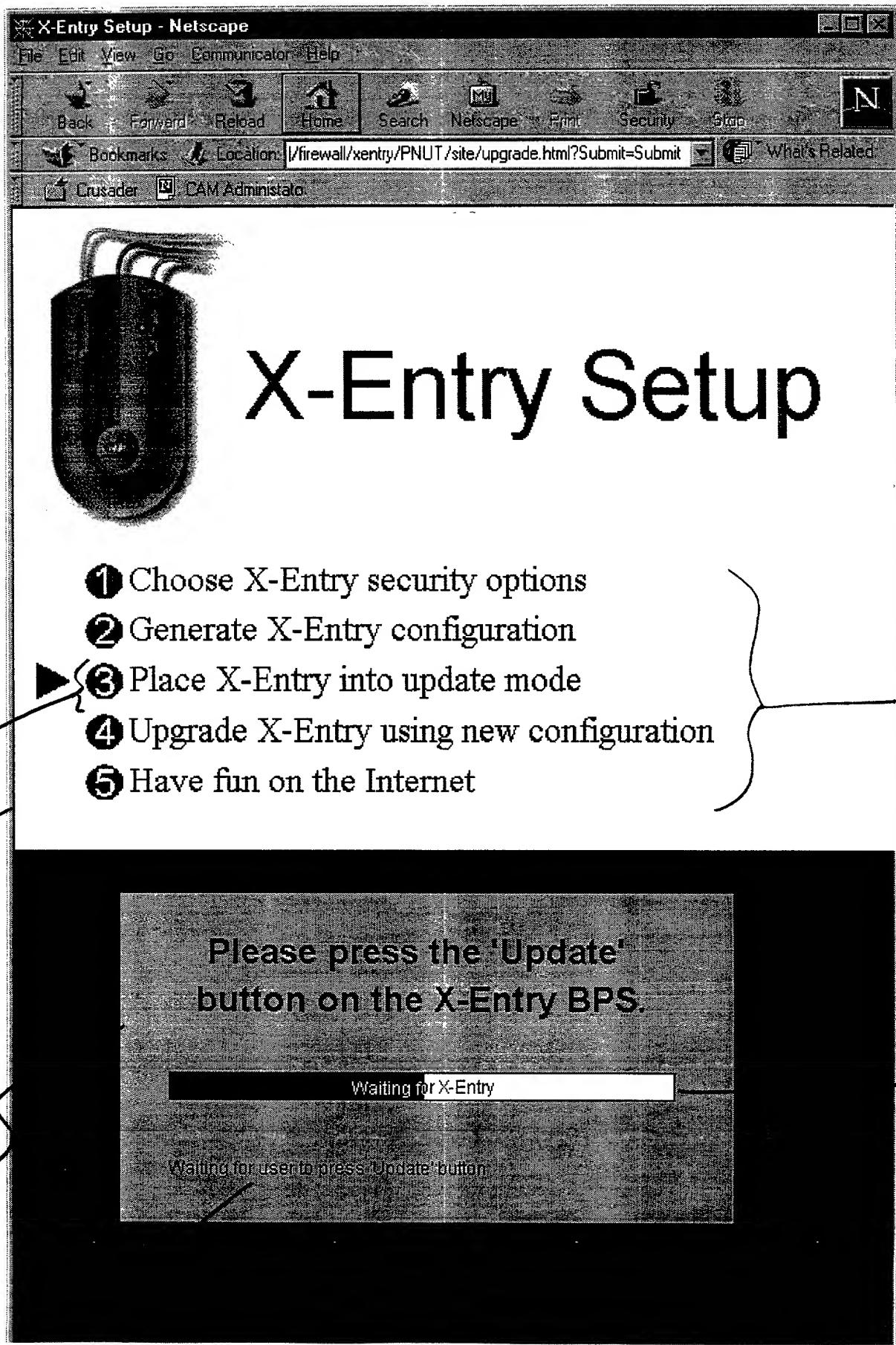


FIG. 19

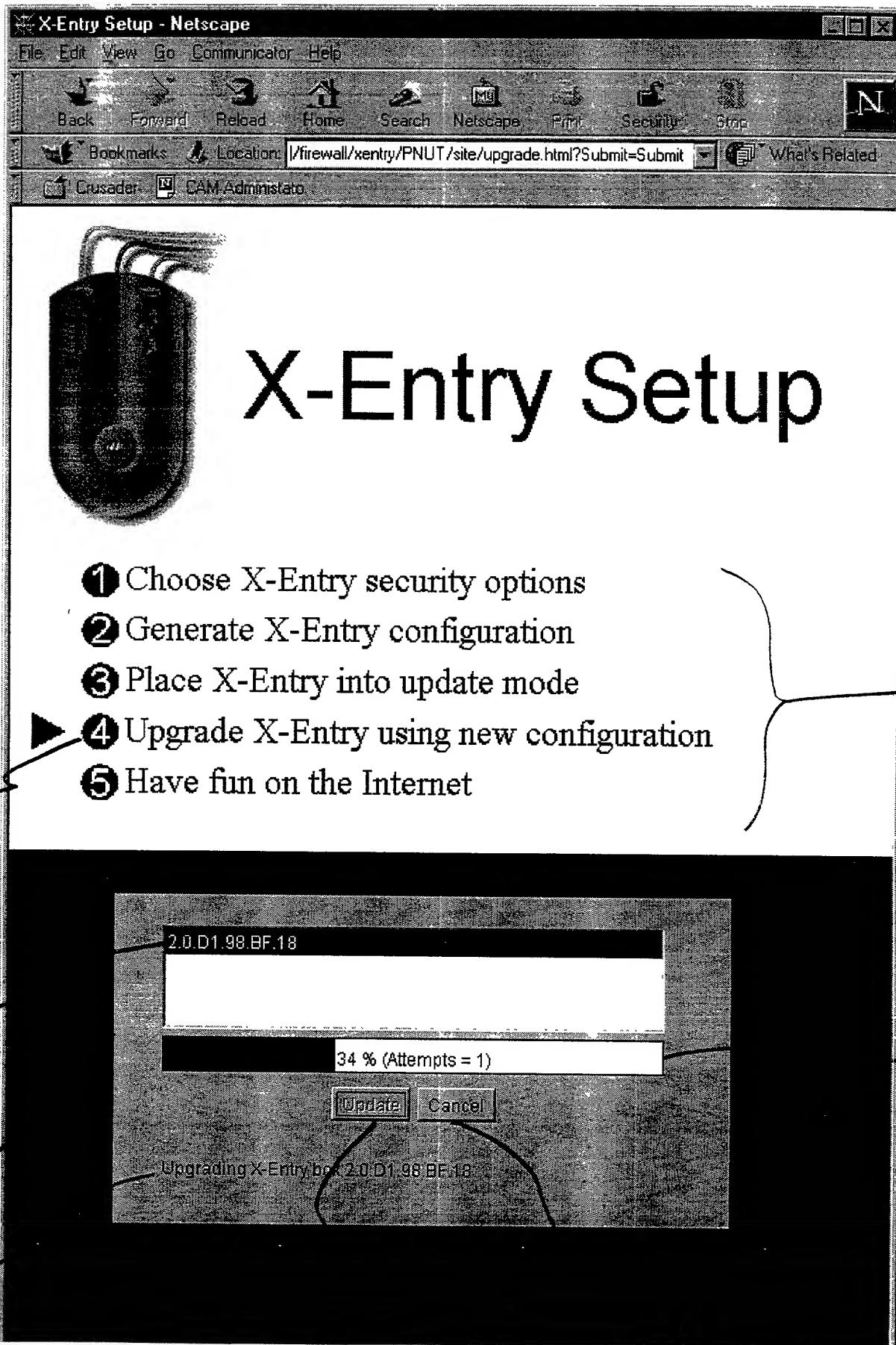


FIG. 20

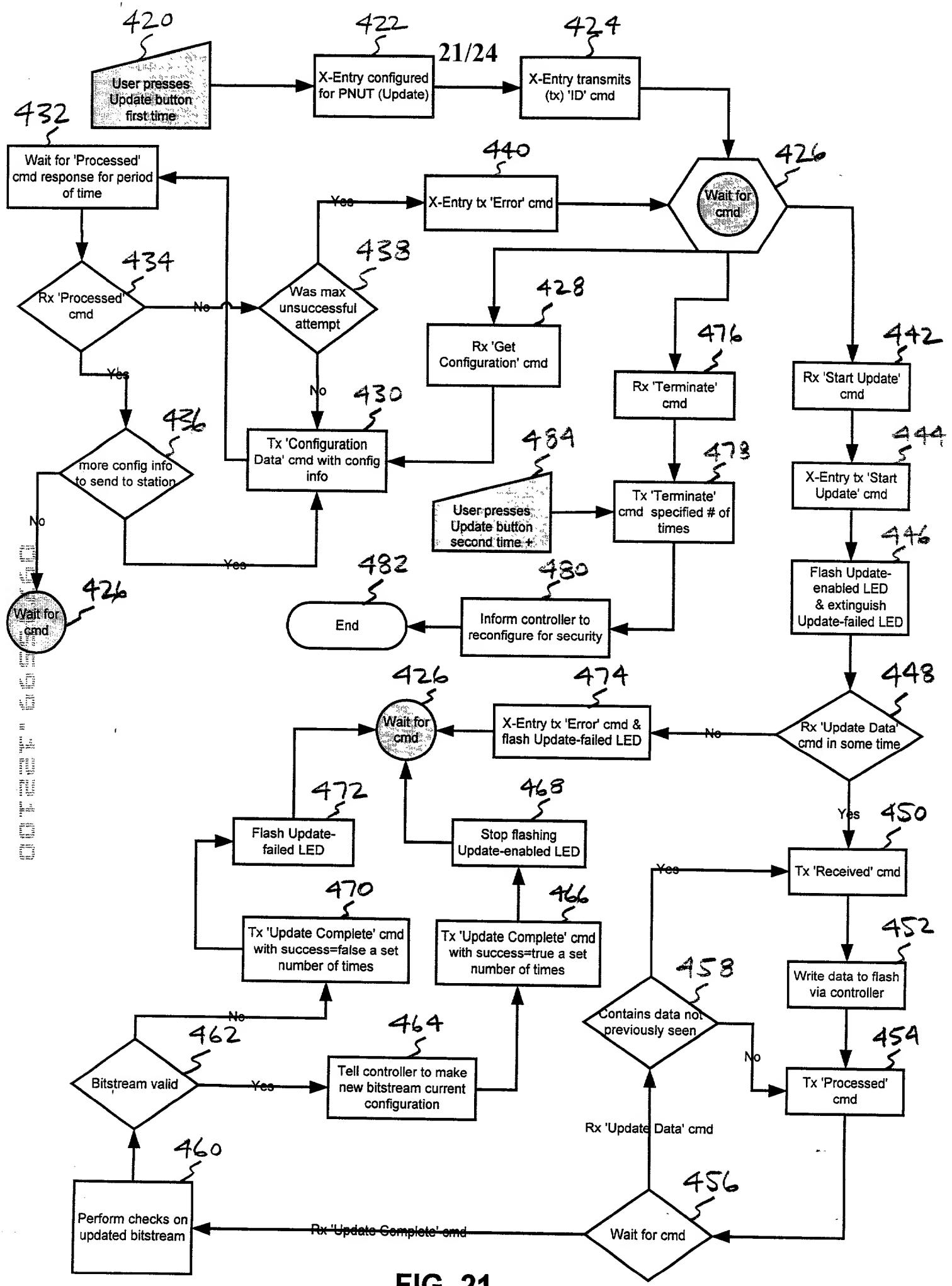


FIG. 21

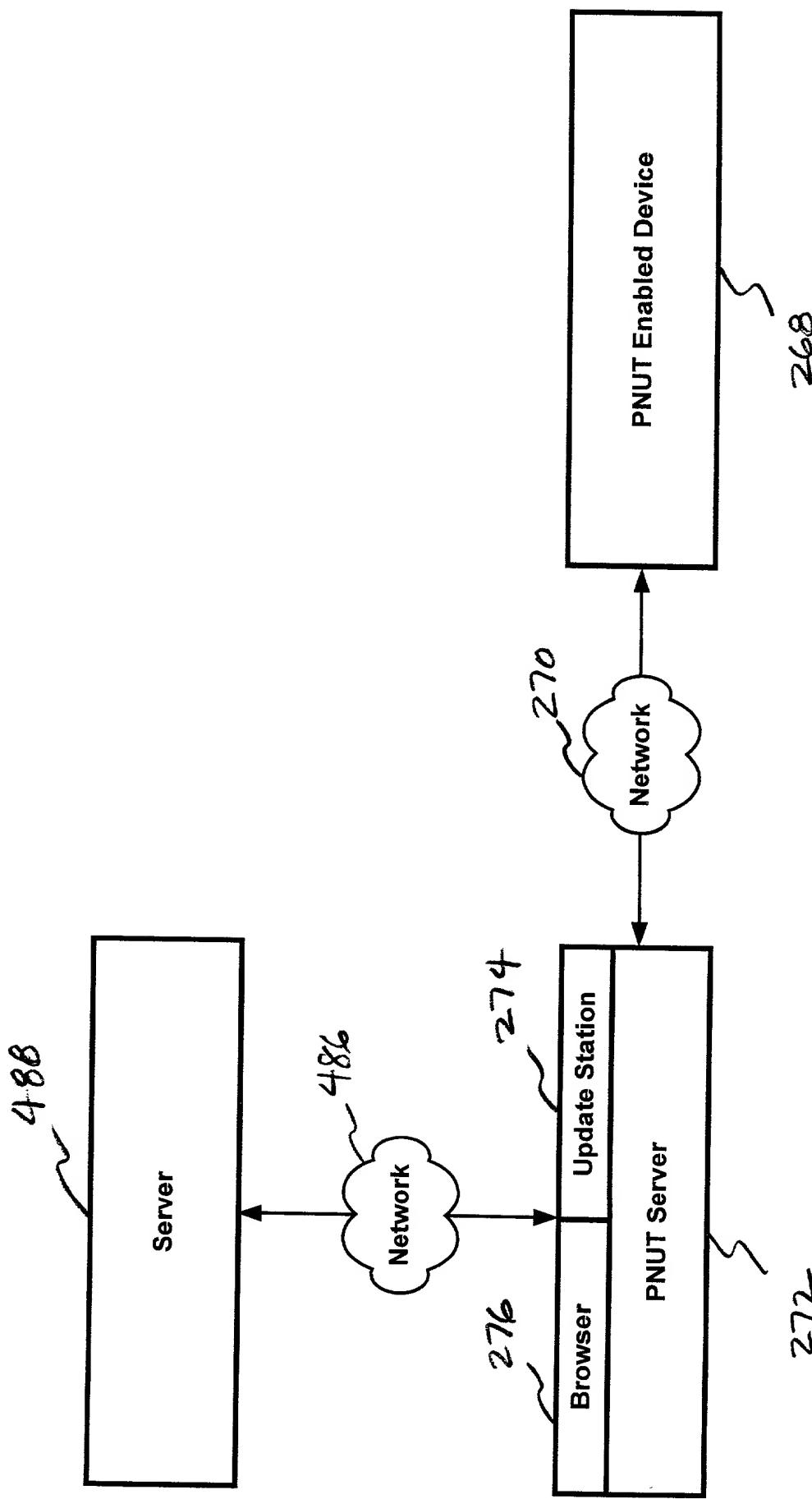


FIG. 22

```

<?xml version="1.0" encoding="UTF-8" ?>
- <formats>
  - <msg id="128" name="UPDATE_START_CMD"> ~493
    <desc>Start PNUT update</desc>
    <byte name="type" transient="true" />
    <bytes name="checksum" size="2" />
  </msg>
  - <msg id="129" name="UPDATE_MSG_CMD"> ~504
    <desc>PNUT data update packet</desc>
    <bytes name="packet number" size="2" /> ~506
    <bytes name="length" size="2" transient="true" />
    <bytes name="data" min_size="1" max_size="500" transient="true"
      max_print="0" /> ~508
  </msg>
  - <msg id="130" name="UPDATE_LAST_MSG_CMD">
    <desc>Last PNUT update packet</desc>
    <bytes name="packet number" size="2" transient="true" />
    <pad size="8" /> ~510
  </msg>
  - <msg id="132" name="UPDATE_CNX_CMD">
    <desc>Cancel PNUT update</desc>
    <pad size="24" />
  </msg>
  - <msg id="136" name="UPDATE_COMP_CMD"> ~513
    <desc>PNUT update complete</desc>
    <bytes name="status" size="1" transient="true" />
    <status success="0">
      <desc val="0">Successful</desc> ~516
      <desc val="1">Bad packet checksum</desc>
      <desc val="2">Flash write failure</desc>
      <desc val="3">Update cancelled</desc> ~522
    </status>
    </bytes>
    <pad size="16" /> ~520
  </msg>
</formats>

```

Handwritten annotations:

- 494 points to the first msg element.
- 496 points to the second msg element.
- 500 points to the third msg element.
- S02 points to the fourth msg element.
- 512 points to the fifth msg element.
- 514 points to the sixth msg element.
- 518 points to the seventh msg element.
- 492 is written on the right side of the page.
- 516 points to the status element under the 513 msg element.
- 522 points to the desc element under the 513 msg element.
- 520 points to the pad element under the 513 msg element.

FIG. 23

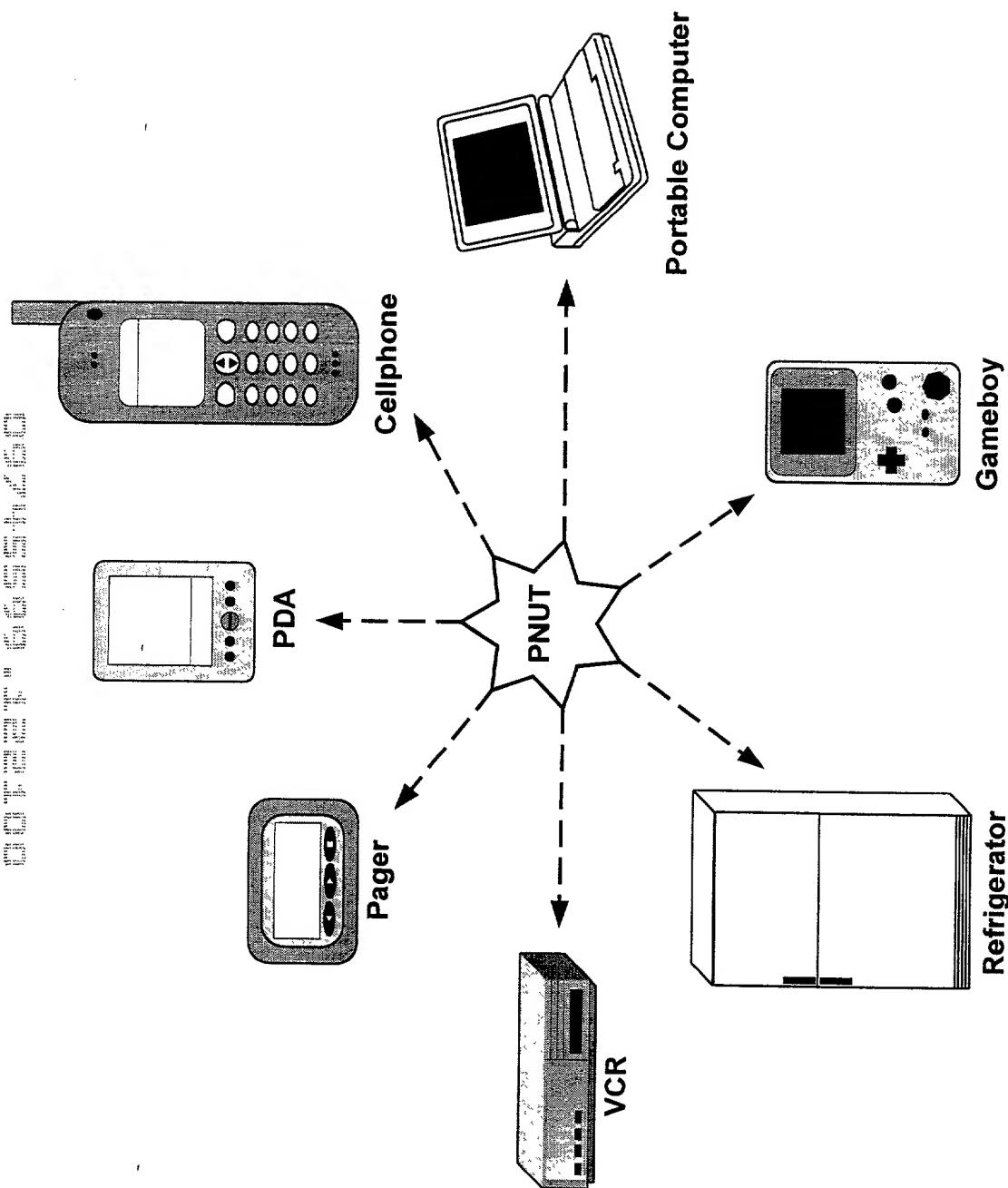


FIG. 24